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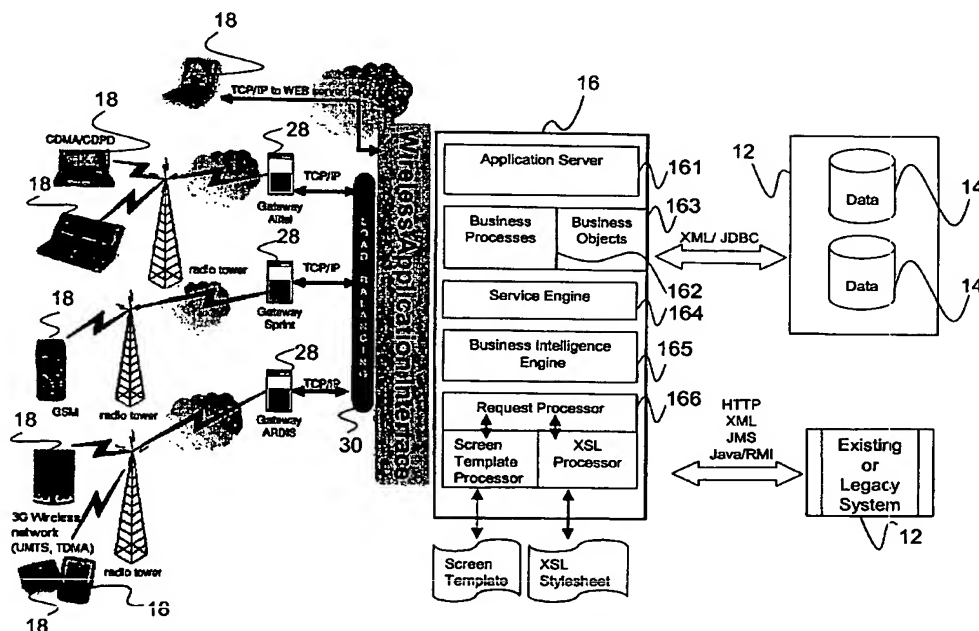
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[Continued on next page]

(54) Title: INTELLIGENT DATA MANAGEMENT SYSTEM AND METHOD



(57) Abstract: An intelligent data management system and method are disclosed. The system includes a database of stored data, a middleware layer having access to the stored data, and at least one client device for remotely accessing a provided course of action. The middleware layer includes a fuzzy logic knowledge base for generating, updating, or firing fuzzy logic rules and a fuzzy logic inference engine for processing the stored data guided by the fuzzy logic rules to provide the course of action.



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
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INTERNATIONAL SEARCH REPORT

National Application No

PCT/CA 03/01686

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G06N5/04 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G06N G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 272 481 B1 (LAWRENCE VICTOR BERNARD ET AL) 7 August 2001 (2001-08-07) abstract; figure 1 column 2, line 51 - column 3, line 18 column 5, line 41 - line 47 column 11, line 8 - line 17	1-15
A	US 2002/107824 A1 (AHMED SAJID) 8 August 2002 (2002-08-08) paragraph '0023! paragraph '0076! - paragraph '0079! paragraph '0104!	1, 9, 14, 15
A	US 5 672 154 A (SILLEN ET AL) 30 September 1997 (1997-09-30) abstract; figure 1 column 3, line 37 - line 64	1, 9

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- * & * document member of the same patent family

Date of the actual completion of the international search

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SPAHNI S ET AL: "Towards specialised middleware for healthcare information systems" INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, ELSEVIER SCIENTIFIC PUBLISHERS, SHANNON, IR, vol. 53, no. 2-3, 3 February 1999 (1999-02-03), pages 193-201, XP004162196 ISSN: 1386-5056 abstract; figure 3</p> <p>-----</p>	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/CA 03/01686

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